

Message

From: Brennan, Amanda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BRENNAN, AMANDA]
Sent: 1/24/2022 1:54:06 PM
To: Blackwell, Brett [Blackwell.Brett@epa.gov]
Subject: AltEn soils and effects

Hi Brett,

I hope you're staying warm! We had about 3 inches of snow this weekend in Durham, and it made me realize how much I miss winters in Duluth.

We (some of us in Elin's Branch) are proposing an NTA project for StRAP 4 (CSS 402.6- Seth Newton's Output) related to AltEn soils. We would like to compare transformation products predicted by ORD tools ([Chemical Transformation Simulator](#)) and others to NTA results. University of Nebraska I believe has a good idea of parent pesticides found near the site from previous and ongoing work. We would also like to predict effects and risk based on the identified pesticides and transformation products in the soils and compare that to measured effects (using a soil extract). Maybe not necessarily in that order.

During the initial AltEn meeting in November, there was discussion of effects directed analysis. You mentioned you have a good workflow in Duluth for testing effects to 4 different species. I was hoping to get a bit more information about the assays you mentioned (such as species, endpoints, applicability to soil extracts, any articles you recommend), if you have any interest in collaborating with this effort, and the feasibility of the effects work that we are thinking about.

I'm more than happy to chat via Teams if that's easier than email.

Thanks,
Amanda